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**Sent:** Thursday, January 24, 2019 3:25 PM  
**To:** Duane Pohlman <[dspohlman@sbgvtv.com](mailto:dspohlman@sbgvtv.com)>  
**Cc:** [REDACTED]@dot.ohio.gov  
**Subject:** Statement on AquaSalina

Duane,  
Please see the statement below.

"The products the Ohio Department of Transportation uses to safely remove snow and ice from our roadways go through a battery of tests. Each is approved for use by the nationally-renowned Pacific Northwest Snowfighters Association.

To be extra vigilant, ODOT has also looked to the Ohio Department of Natural Resources and Ohio Department of Health for their expertise about a locally-produced product, AquaSalina. Both ODNR and ODH have studied AquaSalina and have concluded that the use of this product on Ohio roads is within acceptable public health limits.

The regulatory limit for radiation dose received by a member of the public by licensed uses of radioactive material is 100 millirem (mrem) per year. A July 26, 2017 report by the Ohio Department of Natural Resources found that "it is unlikely that radiation exposure to Ohioans from road spreading of vertical brine would exceed the 100 mrem/yr public dose limit." (ODNR Report – Page 6)

A March 19, 2018 study by ODH found the radiation dose from AquaSalina was 0.6 mrem per year for an adult and 0.61 mrem per year for a child, per application. It concluded "application of this material poses a negligible radiological health risk to public health and safety." (ODH Study 03-19-2018 - Page 4)

For some perspective, ODH also found the average background radiation dose received by a member of the public is 620 mrem/year, a mammogram is about 300 mrem, and smoking 1.5 cigarettes a day for one year is about 3,600 mrem. (ODH Study 03-19-2018 - Page 5)

It is important to note that this product is only used to combat snow and ice at extremely cold temperatures when rock salt begins to lose its effectiveness. It is simply one of many tools ODOT uses to control snow and ice on our roadways."

I've attached the referenced ODH Report. I believe you already have the ODNR report.

**Matt Bruning**  
*Press Secretary*  
ODOT Central Office

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